

## Product Highlights

### Great Speed and Coverage

Share your Internet connection between your wired and wireless devices, with fast wireless speeds and the range to reach more places throughout your home

### Stay Secure

Keep your Internet activities safe with WPA/WPA2 wireless encryption and a firewall, helping protect your network from local and remote intrusions

### Easy to Set Up

Get up and running in no time with a web-based setup wizard that walks you through the configuration process



## DIR-612

# Wireless N 300 Router

## Features

### Connectivity

- 10/100 Internet port to connect to broadband Internet with high transfer speeds
- Four 10/100 LAN ports to connect wired devices for high-speed online activities
- Latest Wireless N technology for increased speed and range, plus Repeater Mode to extend the reach of your existing wireless network

### Security

- NAT Firewall to control traffic and prevent exploits and intrusions
- Wi-Fi Protected Setup (WPS) to quickly and securely add devices to your network
- WPA/WPA2 encryption to secure your wireless traffic

### Ease of Use

- Web browser-based setup and configuration
- Setup wizard to guide you through the configuration process

The DIR-612 Wireless N 300 Router is an attractive, high-performance router that makes it easy to share your broadband Internet connection with all your devices. Simply connect it to your broadband modem, then use the web-based setup wizard that guides you step by step through the configuration process. Whether you're surfing the web on your desktop or relaxing on the couch with your laptop, the DIR-612 keeps you connected wherever you are in your home.

## A Fast and Reliable Home Network

The DIR-612 creates a high-speed home network with wireless speeds of up to 300 Mbps<sup>1</sup> for fast file transfers, seamless web surfing, and smooth online gaming. The external antennas increase your wireless network's coverage so you can avoid "dead spots" and get a reliable connection in more places throughout your home. The DIR-612 also has Repeater mode, which allows you to extend the range of your existing wireless network in order to reach the farthest corners of your home or small office.

## Flexible Connectivity for Your Devices

The DIR-612 keeps you connected, no matter whether you're using a desktop or laptop PC, a smartphone, or a tablet. Four 10/100 Fast Ethernet ports provide fast and reliable connectivity for your wired devices, while Wireless N 300 lets you connect all of your wireless devices across your home. Get some work done on your desktop, play online with your game console, or check out online videos on your smartphone - the Wireless N 300 Router lets you access the Internet with all of your devices.

### Easy to Set Up, Easy to Secure

Sharing your Internet connection doesn't have to be a complicated process; just open a web browser to access the setup wizard and follow the easy step-by-step instructions to get started. Create a secure network in seconds using Wi-Fi Protected Setup, which instantly creates a secure connection to a new device without the need to enter settings or create passwords.

### Security Features to Keep Your Network Safe

The DIR-612 has a host of security features, meaning that you can access the Internet without fear of your information being compromised. WPA/WPA2 encryption secures wireless traffic across your network, preventing unauthorized access and eavesdropping, and the NAT firewall protects your network from attacks and intrusions via the Internet. No matter whether you are shopping online, doing your banking, or accessing your personal information, the DIR-612 keeps your data and your network safe.



### Technical Specifications

#### General

Device Interfaces	<ul style="list-style-type: none"> <li>• Wireless N 300</li> <li>• Four 10/100 LAN ports</li> </ul>	<ul style="list-style-type: none"> <li>• 10/100 WAN (Internet) port</li> </ul>
Antenna	<ul style="list-style-type: none"> <li>• Two 5 dBi external antenna</li> </ul>	
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11n/g/b</li> <li>• IEEE 802.3</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.3u</li> <li>• IEEE 802.3x</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power LED</li> </ul>	<ul style="list-style-type: none"> <li>• Internet LED</li> </ul>
Minimum System Requirements	<ul style="list-style-type: none"> <li>• Windows 8/7/Vista/XP SP3, or Mac OS X 10.4 or higher</li> <li>• Microsoft Internet Explorer 7, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser</li> </ul>	<ul style="list-style-type: none"> <li>• Network interface card</li> <li>• Cable or DSL modem</li> <li>• Subscription with an Internet Service Provider</li> </ul>

#### Functionality

Security	<ul style="list-style-type: none"> <li>• WPA &amp; WPA2 (Wi-Fi Protected Access)</li> </ul>	<ul style="list-style-type: none"> <li>• Wi-Fi Protected Setup (WPS) - PIN</li> </ul>
Advanced Features	<ul style="list-style-type: none"> <li>• Web setup wizard</li> <li>• UPnP support</li> </ul>	<ul style="list-style-type: none"> <li>• Active firewall - Network Address Translation (NAT)</li> <li>• Repeater mode</li> </ul>

#### Physical

Dimensions (LxWxH)	<ul style="list-style-type: none"> <li>• 175 x 150 x 31 mm (6.89 x 5.9 x 1.22 inches)</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>• 249 grams (8.78 ounces)</li> </ul>	
Power	<ul style="list-style-type: none"> <li>• Input: 100 to 240 V AC, 50/60 Hz</li> </ul>	<ul style="list-style-type: none"> <li>• Consumption: 12 V 0.5 A</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -20 to 65 °C (-4 to 149 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 10% to 90% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE</li> <li>• FCC</li> </ul>	<ul style="list-style-type: none"> <li>• Wi-Fi Certified</li> </ul>

# DIR-612 Wireless N 300 Router

Order Information	
<i>Part Number</i>	<i>Description</i>
DIR-612	Wireless N 300 Router

<sup>1</sup> Maximum wireless signal rate derived from IEEE Standard 802.11n, 802.11g, and 802.11b specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link 802.11n devices.

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